
GROUP 26

FRONT AXLE

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GENERAL INFORMATION

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For the front axle, a double-row angular contact ball bearing with an integral oil seal is adopted as a wheel bearing, and EBJ-ETJ type constant velocity joint as a driveshaft.

It has the following features:

- The driveshaft incorporates lightweight and compact EBJ-ETJ type constant velocity joints.
- Lead-free grease for the constant velocity joint is adopted.
- Hexavalent chromium is eliminated from the dust cover material.

- The number of parts is reduced by integrating the magnetic encoder for ABS wheel speed detection into the wheel bearing. <Vehicles with ABS>

NOTE:

ETJ (High Efficiency Compact Tripod Joint): the lighter and smaller constant velocity joint compared with the conventional TJ has been installed.

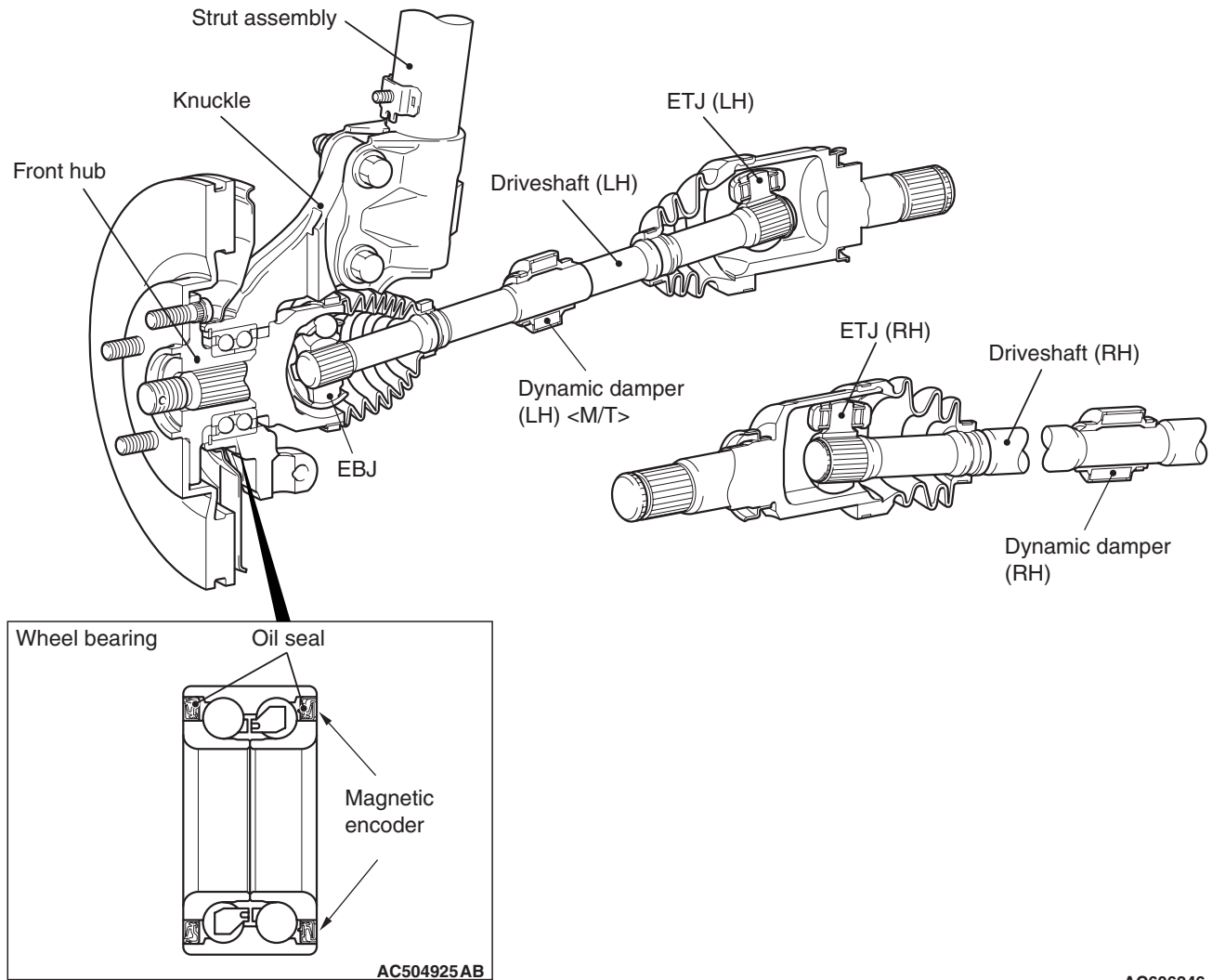
EBJ (High Efficiency Compact Birfield Joint): the lighter and smaller constant velocity joint compared with the conventional BJ has been achieved by adopting the eight small balls.

SPECIFICATIONS

Item			Specification
Wheel bearing	Bearing type		Unit bearing (double-row angular contact ball bearing)
	Bearing (Outer diameter x inside diameter) mm (in)		80 × 43 (3.15 × 1.69)
Driveshaft	Joint type	Outside	EBJ
		Inside	ETJ
	Shaft length* x shaft diameter mm (in)	M/T-LH	380.5 × 24.5 (15.0 × 1.0)
		M/T-RH	715 × 28 (28.1 × 1.1)
		CVT-LH	399.5 × 24.5 (15.7 × 1.0)
		CVT-RH	715.0 × 28 (28.1 × 1.1)

NOTE: *: Indicates the distance between each joint center.

CONSTRUCTION DIAGRAM



NOTES